



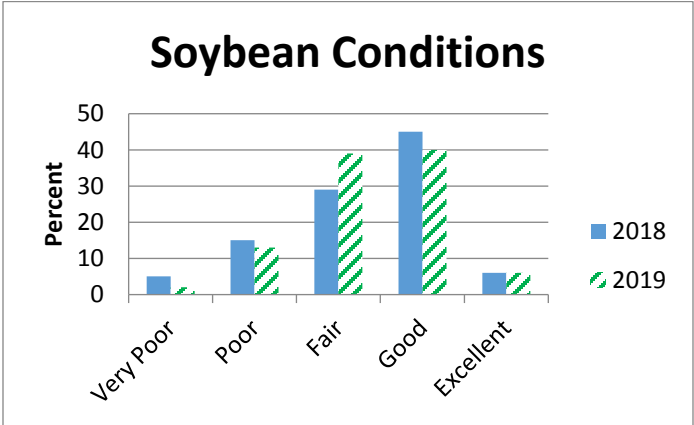
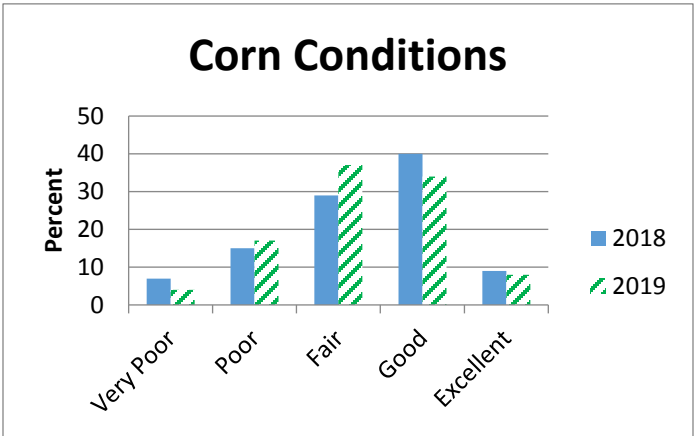
MI-CW2919

Michigan Crop Weather

July 22, 2019

Field Crops

Storms delivering heavy downpours around the State brought relief for some and destruction for others, according to Marlo Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 5.6 days suitable for fieldwork in Michigan during the week ending July 21, 2019. Parts of the western Upper Peninsula appeared as abnormally dry on the U.S. Drought Monitor released midweek, but some relief arrived. Rains were heaviest around Benzie, Manistee, Lake and Mason counties. The strong winds that ushered in the storms that broke the span of heat and humidity lodged wheat and other crops. High temperatures continued to stress immature crops, pastures, and hay fields. Early planted **Corn** began to silk. However, due to the rough planting season, condition varied widely with shallow root systems. **Soybean** conditions remained static, and more fields were blooming. The **winter wheat** harvest was underway, with variable yields reported. Reporters also noted that some fields were knocked down during the severe thunderstorms. **Dry beans** continued to emerge, and some fields were reported to be blooming. Most farmers were able to finish up their first cutting of **hay** and **alfalfa**. **Pasture** conditions declined due to the high temperatures during the week.



Crop Condition: Week Ending 07/21/19

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	4	17	37	34	8
Soybeans	2	13	39	40	6
Winter Wheat	5	14	35	35	11
Barley	0	5	53	35	7
Dry Edible Beans.....	4	12	27	42	15
Oats	1	14	27	45	13
Sugarbeets	4	8	25	45	18
Range and Pasture	4	14	28	41	13

Harvest of early planted **sweet corn** was beginning in the Southwest. **Carrots** were making good progress in the West Central region. **Zucchini** and **cucumbers** were being planted and harvested in the Eastern region. Late blight (*Phytophthora infestans*) has not been detected in Michigan to date. Weather has been favorable for disease development in most major growing areas. Growers are advised to be vigilant in scouting efforts as the season progresses.

Vegetables

Fruit

Early season **peaches** in the Southwest began to ripen. In the East, peaches were around 1.75 inches. Early varieties began to color. Hand-thinning concluded. **Tart cherry** harvest in the Southwest was winding down. In the Northwest, tart cherries were ripening and gaining size. Cherry leaf spot symptoms were very easy to locate in nearly all areas of the State. Early **apple** varieties in the Southwest were coloring. In the Northwest, apple size increased rapidly. In the East, apples continued to size, though because of the drier weather, sizing occurred at a slower rate than previously. Most apples were 1.75 to 2.25 inches there. Hand thinning continued. Because of very lush foliage growth in nearly all areas of the State, growers added calcium to cover sprays to help prevent against bitter pit. Fire blight infections were rare. **Blueberry** harvest of early varieties continued. Yields and quality were good. Bluecrop harvest began in the Southwest. Growers there irrigated. Japanese beetles emerged and spotted wing Drosophila numbers increased. Growers kept these pests under control with cover sprays.

Crop Progress: Week Ending 07/21/19

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.6	6.4	-	-
Corn Silking	5	0	43	38
Soybeans Blooming.....	23	9	59	60
Winter Wheat Mature	70	44	97	90
Winter Wheat Harvested	14	2	65	47
Barley Headed	44	38	93	NA
Barley Mature.....	2	0	NA	NA
Dry Edible Beans Emerged ...	84	69	99	99
Dry Edible Beans Blooming..	4	0	32	22
Alfalfa Hay 1st Cutting	95	89	99	97
Alfalfa Hay 2nd Cutting	32	19	61	54
Other Hay 1st Cutting.....	81	71	93	86
Other Hay 2nd Cutting	12	6	43	35
Oats Headed	78	70	94	95
Oats Mature	10	3	NA	NA

Soil Moisture: Week Ending 07/21/19

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	5	24	61	10
Subsoil moisture.....	2	21	61	16

Weather Summary For Michigan												
Week Ending 2019-07-21								Since April 1				
Temperature								Precipitation			GDD Base 50	
High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total	DFN
Upper Peninsula												
HANCOCK HOUGHTON COUNTY AP	90	53	70	5	1.31	1		8.62	-0.07	38	707	-13
IRONWOOD	88	53	71	5	1.47	5		16.60	4.27	50	797	-66
CHATHAM EXPERIMENT FARM 2	85	53	73	7	0.30	1		11.74	1.14	45	698	-92
Northwest LP												
BEULAH 7SSW	88	55	74	5	3.36	4		14.09	2.33	53	978	-78
BOYNE FALLS	90	56	76	6	1.02	3		14.20	4.11	41	1042	-139
TRAVERSE CITY CHERRY CAPITAL AP	91	60	77	7	2.17	3		13.34	2.78	51	1058	20
WELLSTON 1N	95	50	75	6	6.58	3		19.45	7.67	59	912	-205
Northeast LP												
ALPENA COUNTY REGIONAL AP	95	50	74	6	0.42	2		12.60	2.83	46	841	-69
GAYLORD 9SSW	87	57	72	6	1.05	3		14.68	3.45	50	879	-27
GLENNIE 2SE	90	54	72	5	0.96	3		14.24	1.48	38	799	-110
HALE LOUD DAM	92	53	73	5	1.73	4		14.03	3.10	46	949	-33
ONAWAY 4N	89	50	72	3	1.50	4		13.76	3.83	46	854	-209
West Central LP												
MUSKEGON COUNTY AP	89	56	78	6	0.60	3		15.34	5.11	44	1231	-5
Central LP												
BIG RAPIDS WATERWORKS	93	51	74	5	2.10	3		16.55	4.41	55	991	-99
GLADWIN	92	57	74	4	0.73	3		13.23	1.66	46	1017	-118
MIDLAND	94	62	77	5	0.60	3		10.03	-1.43	38	1040	-268
East Central LP												
BAD AXE	93	55	75	5	0.81	3		12.16	1.01	57	990	-114
HARBOR BEACH 1 SSE	86	57	70	2	0.33	2		14.35	3.37	51	704	-188
SAGINAW #3	94	61	78	6	1.08	4		16.54	4.41	55	1207	-102
SAGINAW MBS INTL AP	94	63	78	7	0.86	4		10.61	-0.35	41	1259	-15
VASSAR	94	53	75	6	0.58	2		18.34	5.38	50	1031	-99
Southwest LP												
BENTON HARBOR	93	67	80	7	1.63	4		18.66	6.15	51	1317	-105
GRAND RAPIDS GERALD R FORD INTL AP	92	65	79	7	1.66	4		17.99	4.34	57	1381	-25
HOLLAND TULIP CITY AP	92	68	80	7	0.75	3		14.14	1.54	52	1283	-121
South Central LP												
CHARLOTTE	90	62	77	6	0.07	2		17.58	5.36	53	1163	-87
COLDWATER ST SCHOOL	92	62	78	7	2.72	5		17.23	3.36	48	1296	-28
HASTINGS	92	63	78	7	2.01	4		15.87	2.64	54	1231	11
JACKSON REYNOLDS FIELD	95	60	79	7	0.71	4		14.65	3.11	61	1345	29
LANSING CAPITAL CITY AP	93	62	79	7	1.77	4		15.99	4.25	55	1325	-8
THREE RIVERS	92	66	79	6	0.88	4		16.93	3.06	56	1309	-120
Southeast LP												
ADRIAN 2 NNE	97	68	82	11	0.07	1		15.05	1.89	45	1135	-137
ANN ARBOR U OF MICH	94	55	78	5	3.92	6		19.33	6.67	59	1358	-92
CHELSEA	93	58	78	7	1.88	5		14.27	2.71	51	1340	33
FARMINGTON	95	58	76	4	1.99	4		16.00	4.38	51	1193	-90
MANCHESTER	96	59	78	6	0.19	2		12.87	0.44	52	1272	-22
PORT HURON	88	64	76	3	0.15	2		13.25	1.72	52	1115	-154

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1981-2010 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees fahrenheit.